CLAIMS FOR THE ROAD DRAG

Really Holding Back Construction of Good Roads, as Many Believe No Work Is Needed.

In an article on "Split Log Drug and How to Use It to Obtain Best Results," Mr. Howard H. Gross, among other things, says:

"A good road is one that is good and serviceable 365 days in the year, trough has proven a prolific means of a road whereon one may ride or drive with pleasure or have full load borses have taken glanders and all been found highly satisfactory, says a syrup of sugar and water, the grat-without strain upon the borse, ve sorts of things via that means. Not Good Housekeeping ed rinds of oranges and the strained without strain upon the horse, vehicle or harness.

"To do this the road must have a minimum of resistance.

liable to fail when most wanted.



mud once ar twice, say 'presto,' and behold a good highway. This is sheer bour or so, is a myth. This famous road was greatly improved by the dragging, but it is not a good road, nd never will be until it is thoroughdrained, properly graded and has a hard, durable wearing surface placed

Per Ton for Carrying Farm Prod-ucts to Market.

There are 2,100,000 miles of public roads in this country. Only 150,000 miles, or 7 per cent., are improved All the rest can be fairly described as bad roads. The waste of our natural resources, reckless as it is, is nothinf compared to the money waste brought about by this condition of

cent. more than the Frenchman. Dur. all with water and freeze. ing the year 1905-1906 hauling of farm produce to shipping points ed to between forty and fortyfive million tons weight. The average haul was 9.4 miles. If the farmers could have done their hauling over French roads, instead of their own inferior ones they would have netted \$58 900,000 more on their crops.

But all the hauling to shipping points is not done by farmers by any means. The interstate commerce commission tells us that in all some thing like 250,000,000 tons are hauled for shipment every year. The willingpess to move this immense volume of freight over poor reads, as against good roads such as France enjoys. costs the country a cool unnecessary \$305,000,000 a year.

These figures and facts come from the office of Logan Waller Page, the Sinited States director of public works.

Second teaue of \$50,000,000 Was Greatest Thing in Good Road History

of Last Year. The greatest thing in good roads and on all fair days keep the sheep in

history in 1912 was the action of New the open air as much as possible trane of \$50,000,000. There was some eat as much as possible, but must opposition to the proposition, but it never be made to turn from their went through with a good majority, food, New York has led all other states in The shoeing of the farm horses road improvement. Under the act of should receive the same attention 1906 it issued \$50,000,000 worth of that is given the road horse or the road bonds. This it spent at the rate trotter. of about \$5,000,000 a year. With what It is a great mistake to keep sheep has been spent and with contracts in a warm pen in winter. Their made the whole sum has been dis fleece protects them, and if they are posed of, and so the new \$5,000,000 kept dry they will require nothing omes in to continue the work. These else

of about \$2,500,000 yearly.

HORSE TROUGH IS SANITARY

Device Shown in Illustration Will Provide Horse With Clean and Individual Fountain.

(By F. W. FITZPATRICK, in the Scien-

that the horses touch the iron part of bard, smooth surface and offer the but simply that a healthy horse "An earth road may be an excellent one and gets the germs, spume, etc., of ground peanuts, and two cupfuls of chopped pecans, makes an appetiz-one today and tomorrow a very bad left in the water by the other. The one. It may be a delight in June and idea suggests itself that the horse well, then add one-half a teaspoonful any jam or preserves, and especially a fright in March. Such roads have be given a hygienic drinking foun- of salt and one-quarter teaspoonful the virtue of a balky horse, they are tain, as is provided for us humans! We can't expect a horse to put his ter to moisten. Melt one tablespoon-"The extravagant claims that have mouth over a little stream shooting been made for the road drag are real. In the air, but the device that is mer in it a tenspoonful of finely ly holding back the building of good roughly sketched herein will do the roads. Many have believed that all trick of giving the horse an individual that was required to have good roads drinking fountain. A is a drinking fount of sufficient size to hold a normal drink for a horse, and set high or low as deemed best for checked or unchecked horses. It is set upon a standard G that serves as a waste. pipe. Inside of this is a supply pipe. E and a stopped rod F. HH are perforated drains around a fountain to carry off the water that is slopped over, and D is a little dog fount that simply catches the waste from the overflow above. At some point near the fountain, where a horse has to



Sanitary Horse Trough

This loud acclaim of a place his front feet in order to drink River-to-River read, made good in an from the fountain, would be a platform. Normally, the stopper C is in position D and the fount is dry. By a simple system of levels, etc., when a horse approaches to drink he is bound to get his front feet on J (that yields sufficiently to operate the mechanism, but not enough to bother or fuss a horse) which closes down POOR ROADS ARE EXPENSIVE stopper C and opens the valve in E. and as long as he stands there that American Farmer Pays 25 Cents Mile valve is open and the water is running. When he leaves that position the water is closed off, the stopper rises, and the fount is empty of any residue water. Each horse gets a drink of fresh, clean water and the tank is flushed after every drink. The saving of water over the continuous running tank is also an item in its favor. Plus which, it is an anti-freezing fountain. The water valve can be, as in most bydrants, well below freezing and a self-drainer; and there being no water left in the tank, it is a erage of 12 cents a mile per ton to fount that can be kept in operation all' haul his produce to market. It costs winter. And it would be a simple the American farmer an average of enough matter to so protect J that 25 cents a mile per ton, or 100 per that mechanism wouldn't necessarily

LIVE STOCK NOTES.

Red clover makes an excellent pas-

ture for hogs An old straw pile is not the worst

kind of winter hog pen. In shipping lambs, keep the culls at home or sell to local buyers.

Rape is a valuable forage plant for

Keep a record of each sow to determine her worth as a breeder. Never kill a pig for market or home consumption until it is ripe or fit. Hogs are among the most cleanly animals if they are given a fair

Avoid an excessive amount of forage that has been more or less affect-

Handle the young boar carefully. Teach him to obey the word, and to walk ahead of you. BONDS IN NEW YORK STATE lambs and helps greatly in the fine finish obtained in feeding. Oil meal is greatly relished

When outdoor exercise and sunshine are lacking, the pigs should have a wide variety of feeds. Arrange for plenty of yard room.

in voting a second state bond | Fattening sheep must be made to

huge hums have enabled New York. Corn gruel is not suitable for lit-to more than double her mileage of timproved roads and to project large and sime water and gradually this plans for trunk lines. Incidentally, it -might be thickened with middlings, means an increase in the direct tax outment and flaxseed meal or 30 minutes.

TASTY PEANUT DISHES FOR THE AFTERNOON TEA

VARIOUS WAYS IN WHICH THE GOOBER IS COOKED.

It Makes Delicious Hash or Rolls-May Be Combined With Macaroni

and With Dates. Since peanuts are relished by most ersons, are nutritious and may be readily used by themselves, and in various palatable combinations as an integral part of the diet, they have a

legitimate place on the bill of fare. In concocting peanut dishes very with other nuts, with popcorn or puffed rice. Mashed turnips or carrots can be made more tasty by stirring in It has been found that the horse a cupful of peanuts that have been filling, especially when used on thin trough has proven a prolific means of through a meat grinder. Here are a slices of "coffee cake." carrying infection. Hundreds of number of peanut recipes that have

sorts of things via that means. Not Good Housekeeping. Peanut Hash.-Cream one tablethe trough and leave germs there, spoonful of peanut butter with starch. Cool and spread thickly on enough cold water to make a smooth drinks immediately after a diseased paste, add three-quarters of a cupful of pepper, with sufficient milk or waful of butter in a hot frying pan, simminced onion for two minutes; add the potatoes and nuts and cook, with moderate heat, until a brown crust has formed over the bottom, as in making corned beef hash. Turn out upon a platter and serve.

Peanut Rolls.-Mix and sift together two cupfuls of white flour, two cupfuls of graham or entire wheat flour. eight teaspoonfuls of baking powder. and one and a half teaspoonfuls of salt. Dissolve half a cupful of peanut butter in one and a half cupfuls of cold water and stir into the dry ingredients. Add one cupful of chopped peanuts and roll three-fourths of an inch thick. Cut out and bake for fifteen or twenty minutes in a hot

Macaroni and Peanuts.-Cook one inch pieces, in boiling salted water until tender; drain and pour cold waer through it to separate the pieces. Then add cream sauce made with four tablespoonfuls each of butter

of milk, and two cupfuls of pped peanuts. Pour into a buttered baking dish, cover with buttered crumbs and bake until golden

brown in color. Date and Peanut Pudding.-Dates and peanuts make an exceptionally good combination. Beat two eggs well, add one cupful of granulated sugar, one cupful of peanuts finely chopped, one-third of a cupful of flour sifted with one teaspoonful of baking powder and one-eighth teaspoonful of salt. Turn into a large layer cake pan, buttered, and bake in moderate oven about one hour When cool turn out upon a flat serving dish, sprinkle with two tablespoonfuls of lemon juice and cover with whipped cream.

Mock Bisque Soup. One-half can tomatoes, two teaspoons sugar, one-fourth teaspoon soda, one-haif onion stuck with six cloves, sprig parsley, bit of bay leaf. three-fourths cup stale bread crumbs,

four cups milk, one-half teaspoon salt, one-eighth teaspoon pepper, one-third cup butter. Scald milk with bread crumbs, onion, pareley and bay leaf. Remove seasonings and rub through a sieve. Cook tomatoes with sugar fifteen minutes, add scda and rub through sieve. Rehent bread and milk to boiling point, add tomatoes and pour at once into turcen over butter, sait and pepper. Serve with crisp

Steamed Beef.

crackers.

is not too stringy, cut into half-inch dice and cook in a double boiler, nearly cover with water, two or three hours, adding salt, pepper and a small the rind and other tough portions, months. cover with coid water and set where it will cook slowly to extract the juice. Thicken this and pour over the meat when serving. A fine beef pie can be thick. Of course one could add an has a delicious flavor all its own.

Onlon Scup.

in any form the cuion is one of our most valuable vegetables, and this coun should be taken at least once a week. Slice thinly a large Spanish opien, put it into a saucepan with one teaspoonful of sait and a few pepper ening, three-fourths cup of sour milk corns, cover with one pint of water and simmer for twenty minutes. Prass not used for shortening add one saltall through a colander, put one quart of milk in a double boiler, rub two tablespoonfuls of butter into same quantity of flour. Add it to the mis and stir until smooth; now add the onion, reheat and serve at once.

Mother's Easy Blecuit.

Sift one cup of flour with a pinch of ealt; add two teaspoonfuls of baking powder; work into it two tablespoonfuls of lard or butter and add one. half cup of mixed milk and weter. beating hard for a moment to smooth out the lumps. The dough should be only a rather stiff batter in consisgems pons and bake in a hot oven ze

How to Make Several Kinds of Dainty Sandwiches With Sweet Fillings.

> Dainty sandwiches easily prepared for afternoon tea have aweet fillings. Brown, white or rye bread, with crusts removed and sliced very thin. may be used or the mixtures are nice on unleavened wafers or buttered crackers. A pleasant variety is to fillings instead of making in sandwich

A stiffly whipped cream makes a good base for many fillings. Sweeten with confectioners' sugar and stir in chopped dates and ground English effective combinations can be made walnuts; again freshly grated cocoanut or grated sweet chocolate melted marshmallows. Hot marshmallow fudge is an especialy nice sandwich

> A nice orange filling is made from juice. Thicken with a little cornthe bread.

> Cherry butter, mixed with finely good with spiced fruits or Maraschino cherries, or bananas marinated in

STUFFED SPANISH ONIONS

They Are Filled With Causage, Sur rounded With Gravy, Baked and Served Hot.

Select Spanish onlone. If they are not large one onion for each person may not be too much. Remove the outer layers of the skin and boil the onions in water enough to cover them until they are tender, but not until they break. Blanch them by cover-ing them with cold water. When quite cold remove a part of the soft interior and put some surrage in its place. Place the onions side by side in a baking dish. Dredge them with pepper, salt and flour. Pour around them a gravy (the gravy left over from the chicken ple will do well) or a sauce prepared from ber extract dissolved in a little bo water. Add the onion (cut up), which was scooped out, to flayor it. Bake the onions for about three quarters of an hour or until the sayang has bee

..... When ready for se put the onlons on a platter, thicken the gravy with flour, strain it over

the onlone and serve. American Delighte.

Sure to prove a delight to the little folks are the novel daintles here given. Bake a chocolate cake mixture, and when cool scoop from it good-sized balls. Roll them in white froating, and when set outline with melted chocolate put on with a small camel's-hair brush. The results are baseballs typical of America's bestloved spot. To make the cake cream one-half cup of butter and one cup of sugar; add two weff-beaten eggs. Mix separately one and two-thirds cups of flour, two tenspoonfuls of baking-powder, one-third teaspoonful of cinnamon. Add to first mixture, with one half cup of milk, one teaspoonful of vanilla, and two squares of melted chocolate. Beat well and bake thirtyfive to forty minutes.-Harper's Ba-

Instead of Potatoes. A dietician talking with a woman who was lamenting the potatoes cut from her diet list, advised her to substitute macaroni. As this is usually supposed to be fattening, directions

for cooking it must be carefully fol-By boiling the macaroni an hour and a half, the dietician says, the injurious ingredients are converted into a food that is nourishing, yet without starch. When used in a diet for Take round steak or other beef that obesity, it must not be dressed with milk merely with a little butter, sait

and pepper. The woman thus advised ate macaroni each evening for dinner, instead piece of butter toward the last. Take of potatoes, yet lost 20 pounds in two

New Jar Opener.

The new fruit jar opener operates by means of the wire loop at one end. made by putting the meat and gravy with which it grips the cover of the into a baking dish and cover with a jar and with a slight twist of the rich crust rolled about half an inch wrist it is opened. At the opposite end is a can opener, very sharp, onles, but meat cooked in this way strong and efficient, which has a new device of its own for clutching and cutting cans with little labor and no

Catmeal Cookies. Take one and one-half cups flour. two and one-half cups catmeal, one cup sugar, three-fourths cup of shortand one tenspoon of soda. If butter is spoonful of sait, otherwise the cockies will have a fist taste.

Snowball Custard. Make a bottled custard of one pint of milk rolks of three eggs, four table. speons of sugar, and a little nutmeg. Whip whites stiff, drop by spoonful on hot custard and with a spoon cover the snowballs with the custard and

Cut bacen into dice, fry until crisp, then add potatoes, conraely chopped; let brown, then set in oven a few minutes to brown the top. Serve in wedge shaped pieces.

pour in a dish. Serve cold.

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My Doctor Said

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for the benefits I have received." M TAKE

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